

1 BILL NO. S-83-03-44

2 SPECIAL ORDINANCE NO. S-72-82

3 AN ORDINANCE approving Change Order
4 No. 3 and FINAL, Resolution No. 330-
5 80, Phase II, "North Maumee Inter-
6 ceptor", Project No. C-180599-08,
7 in connection with the Board of
8 Public Works.

9 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF
10 FORT WAYNE, INDIANA:

11 SECTION 1. That Change Order No. 3, and FINAL, Resolu-
12 tion No. 330-80, Phase II, "North Maumee Interceptor", Project
13 No. C-180599-08, with John Dehner, Inc., in connection with the
14 Board of Public Works for:

15 a close out change order to adjust the
16 estimated quantities in the contract
17 unit price to agree with actual quanti-
18 ties installed under this project;

19 involving a net decrease in the amount of Forty-Five Thousand
20 Seven Hundred Ninety-Seven and 19/100 Dollars (\$45,797.19), all
21 as more particularly set forth in the specifications, and which
22 is on file with the Office of the Board of Public Works, and is
23 by reference incorporated herein, made a part hereof and is hereby
24 in all things ratified, confirmed and approved.

25 SECTION 2. That this Ordinance shall be in full force
26 and effect from and after its passage and any and all necessary
27 approval by the Mayor.

28 
29 Councilmember

30 APPROVED AS TO FORM
31 AND LEGALITY

32 
Bruce O. Boxberger, City Attorney

Read the first time in full and on motion by Scruggs, seconded by Scruggs, and duly adopted, read the second time by title and referred to the Committee City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 3-22-83

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Scruggs, seconded by Scruggs, and duly adopted, placed on its passage. PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 4-12-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) ~~(GENERAL)~~ ~~(ANNEXATION)~~ (SPECIAL)

(APPROPRIATION) ORDINANCE (RESOLUTION) NO. 1-72-83
on the 12th day of April, 1982.

ATTEST:

(SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Ray A. Ebert
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 13th day of April, 1982, at the hour of 11:20 o'clock A.M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 15th day of April, 1983, at the hour of 10 o'clock A.M., E.S.T.

Win Moses, Jr.
WIN MOSES, JR. - MAYOR

CHANGE ORDER

72-217-10
3/9/83

Change Order No. 3 and Final
Project No. C-180599-08
Name of Project: "North Maumee Interconnect"

Resolution No. 330-80 Phase I
Board Order No. 54-80
Date: 3/3/83

To: John Dehner, Inc.
(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price	
				Decrease	Increase
		SEE ATTACHED			
Total Decrease				99,147.05	
Total Increase					53,349.86
Net (Decrease) (Increase)				Contract Price	45,797.19

The sum of \$ 45,797.19 is hereby ~~added to~~ (deducted from) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price	\$ 891,869.05
Current Contract Price Adjusted by Previous Change Order	\$ <u>1,098,299.32</u>
New Contract Price including this Change Order	\$ <u>1,052,502.13</u>

The time provided for completion in the contract for this project is (unchanged) ~~(increased)~~ ~~(decreased)~~ by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: Cherene Embury Chief Engineer Date 3/3/83
Accepted by: Edward L. Dehner Contractor Date 3-2-83
Approved by: John Bolter City Engineer Date MARCH 4, 1983
Approved by: Bruce R. Collins Owner Date _____

Attested by: _____ Clerk Date _____

Change Order No. 3 and FINAL

Resolution No. 330-80 Phase II

Board Order No. 54-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____


SEE ATTACHED JUSTIFICATION

2. Will proposed change alter size of the project? Yes _____ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A


Gregory J. Merrill 3-3-83
Project Engineer

Resolution 330-80 Phase II
John Dehner, Inc., Contractor

Item No.	Quantity	Description of Change		Change in Contract Price	
		Description	Unit Price	Decrease	Increase
1	205.0 LF	48" RCP Class III	70.86	14,526.30	
2	249.0 LF	48" RCP Class IV	87.41	21,765.09	
3	32.0 LF	48" RCP Class V	105.89	3,388.48	
4	33.0 LF	30" RCP Class IV	47.39	1,563.87	
5	14.0 LF	15" RCP Class V	25.17		352.38
6	29.0 LF	15" RCP Class IV	24.45	709.05	
7	17.5 LF	12" RCP Class V	21.99	384.82	
8	2.0 EA	Std. MH Type V-J	2,010.00		4,020.00
9	2.0 EA	Std. MH Type II-J (72")	2,750.00		5,500.00
10	2.0 EA	Std. MH Type II-J (84")	3,380.00	6,760.00	
12	2.0 EA	Std. MH Type II-J (108")	4,250.00	8,500.00	
13	3.0 VF	Std. 12" Drop Pipe	175.00	*525.00	
14	6.0 VF	Std. 8" Drop Pipe	125.00		750.00
15	47.400 SY	Broadcast Seeding	0.25	11,850.00	
16	44,850 SY	Seeding and 1" Mulch	0.30		13,455.00
17	2.2 CY	#53 or #73 Special Backfill	12.50		27.50
18	15.0 SY	10" Deep Strength Asphalt	19.80	297.00	
19	200.0 SY	2" Asphaltic Surface	3.00	*600.00	

*Non-Grant Eligible Items

Total Decrease

Total Increase

Contract Price

Net (Decrease)(Increase)

CONTINUED NEXT PAGE

ATTACHMENT 10 CHANGE ORDER

North Maumee Study Area C-180599-08 - B.O. 54-80

Resolution 330-80 Phase II

John Dehner, Inc., Contractor

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
20	100 LF	8"-12" Field Tile Replacement	12.00	1,200.00	
21	50 LF	30" CMP Replacement	25.00	1,250.00	
23	1,280 LF	Dewatering	0.10	128.00	
24	484 CY	Base Stabilization	17.50		8,470.00
26	1 EA	Flow Meter Complete	5,500.00	5,500.00	
27	24 LF	24" RCP Class V	48.50	1,164.00	
28	2,880 SF	Sheeting	4.75	13,680.00	
29	46 LF	30" Restressed Concrete Pipe	106.64	4,905.44	
30	258 CY	Special Base Stabilization	17.81		4,594.98
32	45 SY	Revetment Rip Rap	10.00	450.00	
33	102 SY	6" Asphalt	15.50		1,581.00
34	1 EA	Force Main Interconnect	Lump Sum		2,832.00
35	1 EA	Glenn Clinic Service Tap	Lump Sum		11,767.00
Total Decrease				99,147.05	
Total Increase					53,349.86
Contract Price				45,797.19	
Net (Decrease) (Increase)					

Justification for Change Order No. 3 and FINAL
North Maumee Study Area C-180599-08 - B.O. 54-80
Resolution 330-80 Phase II "Interceptor"

John Dehner, Inc., Contractor

Items #1, 2, and 3

A realignment of the 48" sewer prior to construction reduced the lineal footage and provided a more cost-effective route.

Item #4

Actual field measurements reflect a slight decrease from the original bid item.

Item #5

Actual field measurements reflect a slight increase from the original bid item.

Items #6 and 7

Actual field measurements reflect a slight decrease from the original bid item.

Items #8, 9, 10 and 11

Subsequent to realigning the 48" sewer, we were able to eliminate two (2) manholes each in item 10 and 11 and add two (2) manholes each in items 8 and 9. This interchange of manholes realized a savings of \$5,740.00 in the grant.

Item #13

Actual field measurements reflect a slight decrease from the original bid item.

Item #14

Actual field measurements reflect a slight increase from the original bid item.

Items #15 and 16

It was determined that Broadcast Seeding, Item #15, would not provide adequate restoration on this project in certain areas; and, therefore required the contractor, John Dehner, Inc., to provide seeding and 1" mulch, Item #15 in said areas.

Item #17

Actual field measurements during construction proved to be slightly higher than the original bid item.

Item #18

Actual field measurements reflect a slight decrease from the original bid item.

Item #19

The 2" asphaltic surface was deemed unsuitable for replacement of the pavement removed at Tipperary Trail. The existing asphalt is approximately 6" thick. To keep in line with Allen County road specifications, it was deemed necessary to replace the street with 6" asphalt.

A unit price for 6" asphalt was, therefore, negotiated with the contractor. The measurements for this 6" asphalt and the unit price are as outlined in Item #33 of this change order.

Item #20

There was no field tile replacement required on this project as had been anticipated.

Item #21

There was no 30" CMP replacement required on this project as had been anticipated.

Item #23

Actual dewatering under the unit bid item was reduced drastically with the introduction of special dewatering Item #31, Change Order #1, of this contract. The field measurements are reflective of this reduction.

Item #24

Subbase soil conditions were much worse than anticipated, thus, requiring the overruling of base stabilization indicated per this change order.

Item #26

Following the award on Resolution 330-80 Phase II of the contract, the City of Fort Wayne consummated negotiations with Diversified Utilities for the purchase of their sewage system. This purchase eliminated the need for the flowmeter.

Item #27

Actual field measurement reflects a decrease from the original bid item.

Item #28

The sheeting outlined in this item was deemed necessary in the field during construction, and therefore, was not used.

Item #29

Actual field measurements reflect a slight decrease from the lineal footage outlined in Change Order #1 of this Resolution.

Item #30

Subbase conditions proved to be worse than anticipated and, therefore, required the usage of the additional special base stabilization.

Item #32

Actual field measurements reflect a slight decrease from the units outlined in Change Order #2.

Item #34

Prior to the acquisition of the Diversified Utility system, outlined in Item #26 of this change order, the City of Fort Wayne had not anticipated interconnecting the force main shown on Sheet #13 of Resolution 330-80 Phase I. Subsequent to the purchase of the Utility, the City of Fort Wayne made the decision to interconnect the force main as soon as possible and eliminate the treatment facility servicing it on North River Road. The decision was based on the fact that the treatment facility was operating on a temporary permit from the Indiana State Board of Health and needed to be shut down as soon as the City of Fort Wayne sewer system was made available. John Dehner, Inc., then submitted a quote to construct a 40± foot force main interconnect into Str. #18 which was reviewed and accepted by the Water Pollution Control Engineering Department.

Item #35

The elimination of the 24" sewer shown on Sheet #13 at Str. #18 also eliminated the service tap for the Glenn Clinic located immediately south of this project. After much investigation into the plumbing layout of the facility, it was determined that the service connection would need to be made at the front of the business. This involved the interconnect of two (2) building sewers into a new manhole and then constructing an 8" sewer along the property line back to Str. #18.

PROJECT: NORTH MAUMEE INTERCEPTOR
ORIGINAL CONTRACT - \$ 891,869.05
REVISED CONTRACT - \$1,098,299.82

FEDERAL GRANT - C-180599-C
RESOLUTION - 330-80 Phase II

FINAL QUANTITIES

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	CO. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
1	48" RCP Class III	5,455± LF	70.86	3	(205)		5,250 LF	372,015.00
2	48" RCP Class IV	670± LF	87.41	3	(249)		421 LF	36,799.61
3	48" RCP Class V	475± LF	105.89	3	(32)		443 LF	46,909.27
4 **	30" RCP Class IV	5,290± LF	47.39	1	(2100)	3,190		
				3	(33)		3,157 LF	149,610.23
5	15" RCP Class V	10± LF	25.17	3	14		24 LF	604.08
6	15" RCP Class IV	80± LF	24.45	3	(29)		51 LF	1,246.95
7	12" RCP Class V	50± LF	21.99	3	(17.50)		32.50 LF	714.68
8	Std. MH Type V-J	7± EA	2,010.00	3	2		9 LF	18,090.00
9	Std. MH Type II-J (72")	4± EA	2,750.00	3	2		6 LF	16,500.00
10	Std. MH Type II-J (84")	6± EA	3,380.00	3	(2)		4 LF	13,520.00
11	Std. MH Type II-J (96")	3± EA	3,850.00				3 LF	11,550.00
12	Std. MH Type II-J (108")	2± EA	4,250.00	3	(2)		0	
13	Std. 12" Drop Pipe	12± VF	175.00	3	(3)		9 VF	1,575.00

PROJECT: NORTH MAUMEE STUDY AREA
ORIGINAL CONTRACT - \$ 891,860.05
REVISED CONTRACT - \$1,098,299.32

FEDERAL GRANT-C-180599-01
RESOLUTION - 330-80 Phase II

FINAL QUANTITIES

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	CO. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
14	Std. 8" Drop Pipe	7± VF	125.00	3	6		13 VF	1,625.00
15	Broadcast Seeding	64,700± SY	0.25	3	(47,400)		17,300 SY	4,325.00
16	Seeding and 1" Mulch	20,000± SY	0.30	3	44,850		64,850 SY	19,455.00
17	#53 or #73 Special Backfill	600± CY	12.50	3	2.2		602.2 SY	7,527.50
18	10" Deep Strength Asphalt	50± SY	19.80	3	(15)		35 SY	693.00
19	2" Asphaltic Surface	200± SY	3.00	3	(200)		0	
20	8"-12" Field Tile Replacement	100± LF	12.00	3	(100)		0	
21	30" CMP Replacement	50± LF	25.00	3	(50)		0	
22	Brush and Tree Removal	Lump Sum	8,000.00				Lump Sum	8,000.00
23	Dewatering	1,700± LF	0.10	3	(1,280)		420 LF	42.00
24	Base Stabilization	210± CY	17.50	3	484		694 CY	12,145.00
25*	Pump Station Removal	1± EA	4,500.00				1 EA	4,500.00
26	Flow Meter Complete	1± EA	5,500.00	3	(1)		0	

PROJECT: NORTH MAUMEE STUDY AREA
ORIGINAL CONTRACT -- \$ 891,869.00
REVISED CONTRACT -- \$1,098,299.32

FEDERAL GRANT - C-180599-C
RESOLUTION - 330-80 Phase II

FINAL QUANTITIES

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	CO. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
27	24" RCP Class V	100± LF	48.50	3	(24)		76 LF	3,686.00
28	Sheeting	2,880± SF	4.75	3	(2,880)		0	
29**	30" Prestressed Concrete Pipe	None	106.64	1	2,100	2,100		
				3	(46)		2,054 LF	219,038.56
30**	Special Base Stabilization	None	17.81	1	1,067	1,067		
				3	258		1,325 LF	23,598.25
31**	Special Dewatering	None	50.46	1	1,200	1,200	1,200 LF	60,552.00
32	Revetment Rip Rap	None	10.00	2	245	245		
				3	(45)		200 LF	2,000.00
33	6" Asphalt	None	15.50	3	102		102 SY	1,581.00
34	Force Main Interconnect	None	2,832.00	3	Lump Sum		1 EA	2,832.00
35*	Glenn Clinic Service Tap	None	11,767.00	3	Lump Sum		1 EA	11,767.00
	FINAL CONTRACT PRICE							\$1,052,502.13
*	Non-Grant Eligible Items							
	(See Supplemental Sheet)							
**	Partially non-grant eligible							

RESOLUTION -- 330-80 Phase II

SUPPLEMENT

[illegible]

BILL NO. S-83-03-44

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change ORder No. 3 and FINAL, Resolution No. 330-80,
Phase II, "North Maumee Interceptor", Project No. C-180599-08, in connection
with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE PASS.

VICTURE L. SCRUGGS, CHAIRMAN

SAMUEL J. TALARICO, VICE CHAIRMAN

DONALD J. SCHMIDT

MARK E. GiaQUINTA

PAUL M. BURNS

DATE _____ CHARLES W. WLSTERMAN, CITY CLERK

4-12-83

DIGEST SHEET

6224
S83-03-44

TITLE OF ORDINANCE Change Order #3 and FINAL, "North Maumee Interceptor", Project. No
C-180599-08, Res. 330-80, Phase II

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

SYNOPSIS OF ORDINANCE This is a close out change order to adjust the estimated
quantities in the contract unit price to agree with actual quantities installed

under this project. Contractor is John Dehner, Inc.

EFFECT OF PASSAGE Completion of project.

EFFECT OF NON-PASSAGE _____

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) Decrease \$45,797.19

ASSIGNED TO COMMITTEE (PRESIDENT) _____